## **EAST Search History**

| Ref<br>#    | Hits | Search Query  | DBs   | Default<br>Operator | Plurals | Time Stamp       |
|-------------|------|---|---|---------------------|---------|------------------|
| <b>S1</b> . | 48   | (heart same (cardiac adj artery) same blood)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2007/05/29 14:48 |
| S3          |      | S2 and (pulse same simulat\$4 same signal) and arterial adj<br>pulse                    | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2007/05/29 14:50 |
| S4          | 39   | (pulse same simulat\$4 same signal) and arterial adj pulse                              | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2007/05/29 14:50 |
| <b>56</b>   | 9    | (("3520071") or ("6461165") or ("3298132")).PN.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | OFF     | 2007/05/29 14:53 |
| <b>S</b> 7  | 7    | ("5073140"   "5733131"   "5823787"   "5941710"  <br>"6215057").PN. OR ("6461165").URPN. | US-PGPUB;<br>USPAT;<br>USOCR                            | OR                  | ON      | 2007/05/29 14:55 |
| S8          | 41   | ("3520071").URPN.   | USPAT   | OR                  | ON      | 2007/05/29 14:56 |
| S9          | 9    | ("3298132").URPN.   | USPAT   | OR                  | ON      | 2007/05/29 14:56 |
| S5          | 6913 | (pulse same simulat\$4 same signal)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2007/06/11 11:04 |
| S11         | 10   | ("2497693"   "3353106").PN. OR ("3581219").URPN.  | US-PGPUB;<br>USPAT;<br>USOCR                            | OR                  | ON      | 2007/06/11 11:09 |
| S2          | 683  | (434/262,265).CCLS.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | OFF     | 2007/06/11 18:13 |
| S10         | . 4  | record\$4 same (heart adj beat) same (pulse same simulat\$4 same signal)                | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2007/06/11 18:13 |
| <b>S12</b>  | 688  | (434/262,265).CCLS.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | OFF     | 2007/06/11 18:13 |
| S13         | 6    | S12 and (record\$4 or prerecord\$4) same (heart adj beat)                               | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2007/06/11 18:16 |
| S15         | 4    | S14 same pulse same simulat\$4  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2007/06/11 18:17 |

## **EAST Search History**

| S16 | 87     | S14 same sound  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR      | ON . | 2007/06/11 18:19 |
|-----|--------|---|---|---------|------|------------------|
| L3  | 57387  | "14" and playback   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR      | ON   | 2007/06/12 11:31 |
| L4  | 1168   | (record\$4 or prerecord\$4) same (heart adj beat) .                       | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR      | ON   | 2007/06/12 11:31 |
| 514 | 1168   | (record\$4 or prerecord\$4) same (heart adj beat)                         | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR      | ON   | 2007/06/12 11:31 |
| L5  | 77     | 4 and playback  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR      | ON   | 2007/06/12 11:38 |
| L6  | 0      | heartbeat same simulat\$4 same train\$4 same (record\$4 or pre-record\$4) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR      | ON   | 2007/06/12 11:40 |
| L7  | 23     | heartbeat same simulat\$4 same train\$4                                   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR<br>° | ON   | 2007/06/12 11:46 |
| L8  | 240438 | heart beat same simulat\$4 same correlat\$4 same pulse                    | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR      | ON   | 2007/06/12 11:46 |
| L9  | 1      | heartbeat same simulat\$4 same correlat\$4 same pulse                     | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR      | ON   | 2007/06/12 11:50 |
| L10 | 8      | heartbeat same simulat\$4 same playback                                   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR      | ON   | 2007/06/12 11:51 |
| L11 | 2      | "heart beat" same simulat\$4 same playback                                | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR      | ON   | 2007/06/12 11:51 |
| L12 | 38     | heartbeat same simulat\$4 same (record\$4 or prerecord\$4)                | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR      | ON   | 2007/06/12 13:28 |

## **EAST Search History**

| L13 | 23        | heartbeat near6 playback  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR | ON | 2007/06/12 13:30 |
|-----|-----------|---|---|----|----|------------------|
| L14 | 2         | heartbeat near6 prerecorded .   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR | ON | 2007/06/12 13:31 |
| L15 | 15        | heartbeat same prerecorded  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR | ON | 2007/06/12 13:31 |
| L16 | <b>47</b> | ("1008619"   "1509604"   "1566801"   "1609899"   "2059964"   "2199049"   "2536518"   "2944368"   "3512741"   "3789522"   "3921332"   "4030235"   "4030240"   "4076155"   "4092785"   "4139067"   "4166337"   "4529385"   "4867574"   "4921459"   "4921461"   "4950194"   "4992068"   "4993987"   "5021020"   "5055083"   "5067924"   "5149289"   "5167561"   "5299968").PN. OR ("5480337"). URPN. | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | ON | 2007/06/12 13:46 |
| L17 | 242       | (recorded or prerecorded or pre-recorded) adj (heart beat or "heart beat")  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/06/12 13:48 |
| L18 | 62        | (recorded or prerecorded or pre-recorded) adj (heartbeat or "heart beat")   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/06/12 14:05 |
| L19 | 21        | (recorded or prerecorded or pre-recorded) adj sound same (heartbeat or "heart beat")  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/06/12 14:05 |

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